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Memorandum

RE: Crawford Street Preliminary Assessment Sampling

To:

Ross Rieke - Bridgewater Group, Inc.

Copy:

Mat Cusma - SIC

From:

Dennis Dykes - Bright Fields Groundwater, Inc.

Date:

July 12, 2001

The temporary small diameter monitoring wells installed at the Crawford Street site were resampled on June 20, 2001. Three groundwater samples were collected, one from each of the temporary wells. The sample locations, sample identifiers, and field parameters are summarized on the attached table.

The monitoring wells were purged and sampled using a peristaltic pump and the tubing dedicated to each well. The depth to water each well was measured immediately before purging. A modified low flow purging method was used. This method included measurement of field parameters (pH, specific conductance, and temperature) after removal each quart of water (approximately one pore volume) and observation of the clarity of the water. Purging continued until the field parameters had stabilized and the water appeared to be clear. Four quarts of water were removed from each well. One 1-liter amber bottle was filled from the tubing at each well.

Each sample was placed in a cooler immediately after collection. Samples were delivered to North Creek Analytical, Inc. in Beaverton, Oregon under chain of custody documentation the day of sampling. The laboratory was instructed to analyze the sample from well PP-3 for PAHs and to hold the samples from wells PP-1 and PP-2.

Dedicated sampling equipment was used therefore decontamination was not necessary. The well probe and field meter were rinsed with distilled water after use at each well. The field meter was calibrated before use.

Attachments: Sampling Summary

Field Sampling Data Sheets Chain of Custody Document



Crawford Street Preliminary Assessment Sampling Summary for June 20, 2001

Site Location	Sample Identifier	Depth to Water (feet)	Gallons Removed	Pore Volumes Purged
PP-1	W3-062001	. 27.81	1.0	4
PP-2	W2-062001	30.53	1.0	4
PP-3	W1-062001	29.18	1.0	4
Notes:				

Field Sampling Data

Project L	ocation:	Mac St	Sample Location: PP-(
Sampling	event:	20, 200	Sample Field Identifier: w3 ~62001							
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Sampler:	DR Dykes		Start Date/Time: 6/22/01 11130							
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Well Eva	cuation Data									
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	Depth to Wate	er: 30~2	= 27.81	6/20/0	11:40	Well probe				
	Water Depth:									
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	Well Diameter		Zatan Daneh A1/A	(gailons	/ft: 2"=0.16	3g, 4"=0.653g)				
	Pore Volume		Vater Depth Number Gallons	<u>-</u> 1	\mathcal{L}'					
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	Pore Volumes	Removed:	Tunioe Canons							
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Field Wa	ter Quality Mo	easurements								
	Pore Volume		Specific		Dissolved					
	Number	pН	Conductance	Temperature (°C)	Oxygen					
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Sampling	>									
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Field Sampling Data

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Sampling !	Event: June	20,200)	Sample Field Identifier: W2-062001									
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Sampler:	DR. D.	r Kej		Start Date/Time: 6/20/01 10:45								
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Well Eva	cuation Data				m:							
	Danth to Both	_	Measurement _	<u>Date</u>	<u>Time</u>	<u>Method</u>						
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	Water Depth:	ii. 300	+0.53 <u>= 30.53</u>	6/2401	10:50	Well Passe						
	Water Beptin.											
•	Well Diameter	·	<u> </u>	(gallons	/ft: 2"=0.16	3g, 4"=0.653g)						
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			Number / Gallons	((an	Mon	. /						
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Field Sampling Data

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Well Eva	cuation Data										
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	Depth to Wate	er: 3	9-0.82 = 29,18	. blzdoi	1005	vellande					
	Water Depth:										
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	Well Diameter		7-4 D4h1/A			3g, 4"=0.653g					
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	Pore Volume		Specific		Dissolved						
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East 11115 Montgomery, Suite B, Spokane, WA 99206-4776 9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

(509) 924-9200 (503) 906-9200

FAX 924-9290 FAX 906-9210 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: Bridge Store				INVO	ICE TO	: Q.	RoseRicke							TURNAROUND REQUEST in Business Days*					
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